

Test by: F.I.R.S.T. AMC Inc. Mount Carroll, IL

## 2024 Corn Grain Top 30 Harvest Report

Illinois East Central [ILEC] TOLUCA, IL

John Tiraboschi, Marshall County, IL 61369

<b>Early-Season Test</b>	105 - 111 Day CRM B2024ILEC19a
<b>Top 30 of 45</b>	For Gross Income (Sorted by Yield) Average of (3) Replications
<b>PREV. CROP/HERB:</b>	Soybeans / Outlook, Liberty, Enlist, Dual, Taproot
<b>SOIL DESCRIPTION:</b>	Rutland silt loam, mod. well drained, non-irrigated
<b>SOIL CONDITION:</b>	Conventional W/ Fall Till, very high P, medium K, 5.8 pH, 4.3% OM, 26.8 CEC
<b>PEST MANAGEMENT:</b>	Lexar Ez, Grounded, Halex Gt, Tough 5ec, Aatrex 4l, Fence, Headline Amp, Sultrus, Sidewinder
<b>FERTILITY - Applied N:</b>	122 Fall, 65 Spring, 57 Sidedress
<b>Applied N-P-K (units):</b>	244-150-250
<b>SEEDED - RATE - ROW:</b>	May 18 37.5 /A 30" spacing
<b>HARVESTED - STAND:</b>	Oct 6 36.8 /A

### TEST COMMENTS:

*This location was planted in great conditions and had excellent emergence. In the first week of June a derecho hit and caused crop damage in this area. The entire plot experienced damage, however, the full-season test seemed to take the brunt of it. Most of the plot stood back up but had lodging nonetheless. Green snap occurred throughout, and pollination issues seemed to be more prevalent in the full-season test, with plants laying down having half-pollinated ears or not even producing an ear. While the plot was still harvestable it wasn't ideal. Some wind-damaged hybrids were completely flat and rotted on the ground. The full-season test was rejected due to high yield variability from wind damage.*

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
NuTech	69C7PCE ↗	PCE	109	<b>294.6</b>	20.0	11	36.6	1002	1
NuTech	69B5V ↗	VE	109	<b>291.8</b>	21.3	10	37.5	973	3
FS InVision	FS 5949PC RA ↗	PCE	109	<b>284.7</b>	19.0	21	37.5	982	2
NuTech	70B4AM ↗	AM	110	<b>283.5</b>	22.2	14	37.5	933	6
Burrus	4W42 PCE ↗	PCE	108	<b>283.0</b>	20.1	19	36.6	961	4
Sun Prairie	SP2556 ↗	PCE	110	<b>279.2</b>	19.8	20	35.7	952	5
Burrus	POWER PLUS 4V73AM ↗	AM	109	274.5	21.2	11	36.6	917	10
FS InVision	FS 5845P RIB ↗	STXP	108	274.1	20.7	17	34.8	923	8
Golden Harvest	G10B61-AA ↗	AA	110	273.1	22.7	10	36.6	892	14
DeKalb	DKC110-10RIB GC ↗	STX	110	270.7	21.7	16	35.7	898	13
Pioneer	P0529Q GC ↗	QR	105	269.5	19.3	8	36.6	926	7
Burrus	POWER PLUS 4P27 VE ↗	VE	108	268.3	19.9	11	37.5	914	11
Purple Ribbon	23A10VT2PRIB ↗	VT2P	110	268.3	21.7	26	37.5	890	15
NuTech	70F6V ↗	VE	110	268.1	20.0	29	37.5	912	12
Martin	SS-834-5 TRE GC ↗	TRE	108	264.9	22.3	28	36.6	870	18
FS InVision	FS 5935X RIB ↗	STX	109	263.4	21.3	20	36.6	878	17
Integra	5775 VT2PRIB ↗	VT2P	107	263.2	18.0	17	35.7	921	9
LG Seeds	LG62C73VT2PRO ↗	VT2P	111	260.9	25.1	28	37.5	821	28
Wyffels	W6479 ↗	STXP	110	259.3	22.5	22	37.5	849	24
Golden Harvest	G08U00-V ↗	V	108	259.3	21.7	19	36.6	859	23
Purple Ribbon	24P07PCE ↗	PCE	107	258.7	19.5	13	37.5	886	16
ProHarvest	81P20 PCE ↗	PCE	111	258.6	20.7	23	34.8	870	19
ProHarvest	79P54 STAXPRO ↗	STXP	109	258.5	20.8	23	36.6	869	21
Great Heart	HT-6950PCE ↗	PCE	109	257.9	20.5	8	37.5	870	20
Purple Ribbon	24P11PCE ↗	PCE	111	255.2	20.6	22	36.6	860	22
Wyffels	W6505 ↗	TRE	110	249.0	22.3	16	36.6	818	29
Sun Prairie	SPX2409 ↗	VT4P	107	248.1	19.6	22	36.6	849	25
FS InVision	FS 6042F RIB ↗	VT4P	110	247.2	22.6	28	37.5	809	30
NuTech	68C1V ↗	VE	108	246.0	19.2	13	37.5	846	26
Wyffels	W6886RIB ↗	VT2P	111	243.4	22.0	13	36.6	803	31
PIONEER	P1185Q CK	QR	111	251.6	22.2	6	36.6	828	27
				Averages =	<b>252.9</b>	<b>21.4</b>	<b>22</b>	<b>36.8</b>	<b>840</b>
				LSD (0.10) =	21.8	1.4	13		
				LSD (0.25) =	11.4	0.8	7		
				C.V. =	8.2				
Nathan Roux nathan.g.roux@gmail.com, (815) 716-3794				Historic yield: 241.35 bu/a, 7 yr(s)					

**Yield & Income Factors:** Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.05 Prices: GMO = \$3.65

Report Date: 10/06/2024

† See last page for abbreviation descriptions. Dark colored row identifies the check product found in early- and full-season tests. **Bold** yields are significantly above test average by LSD(0.10). **Italicized** brands exceed the grain moisture limit for this test. **ns** = column values not significantly different. ↗ Links to full product yield results at [www.firstseedtests.com](http://www.firstseedtests.com)

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## 2024 Corn Grain Top 30 Harvest Report

Illinois East Central [ILEC] TOLUCA, IL

John Tiraboschi, Marshall County, IL 61369

<b>Full-Season Test</b>	112 - 116 Day CRM B2024ILEC19b
<b>Top 30 of 45</b>	For Gross Income (Sorted by Yield) Average of (3) Replications
<b>PREV. CROP/HERB:</b>	Soybeans / Outlook, Liberty, Enlist, Dual, Taproot
<b>SOIL DESCRIPTION:</b>	Rutland silt loam, mod. well drained, non-irrigated
<b>SOIL CONDITION:</b>	Conventional W/ Fall Till, very high P, medium K, 5.8 pH, 4.3% OM, 26.8 CEC
<b>PEST MANAGEMENT:</b>	Lexar Ez, Grounded, Halex Gt, Tough 5ec, Aatrex 4I, Fence, Headline Amp, Sultrus, Sidewinder
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<b>Applied N-P-K (units):</b>	244-150-250
<b>SEEDED - RATE - ROW:</b>	May 18 37.5 /A 30" spacing
<b>HARVESTED - STAND:</b>	Oct 6 36.6 /A

### TEST COMMENTS:

*This location was planted in great conditions and had excellent emergence. In the first week of June a derecho hit and caused crop damage in this area. The entire plot experienced damage, however, the full-season test seemed to take the brunt of it. Green snap occurred throughout, and pollination issues seemed to be more prevalent in the full-season test, with plants laying down having half-pollinated ears or not even producing an ear. While the plot was still harvestable it wasn't ideal. Some wind-damaged hybrids were completely flat and rotted on the ground. The full-season test was rejected due to high yield variability from wind damage.*



*Nathan Roux*

Nathan Roux  
nathan.g.roux@gmail.com, (815) 716-3794

Averages =	213.8	21.0	34	36.6	682
LSD (0.10) =	37.7	1.9	18		
LSD (0.25) =	19.8	1.0	9		
C.V. =	16.7				

Historic yield: 241.35 bu/a, 7 yr(s)

**Yield & Income Factors:** Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.05 Prices: GMO = \$3.65

Report Date: 10/06/2024

Additional reports available at [www.firstseedtests.com](http://www.firstseedtests.com)

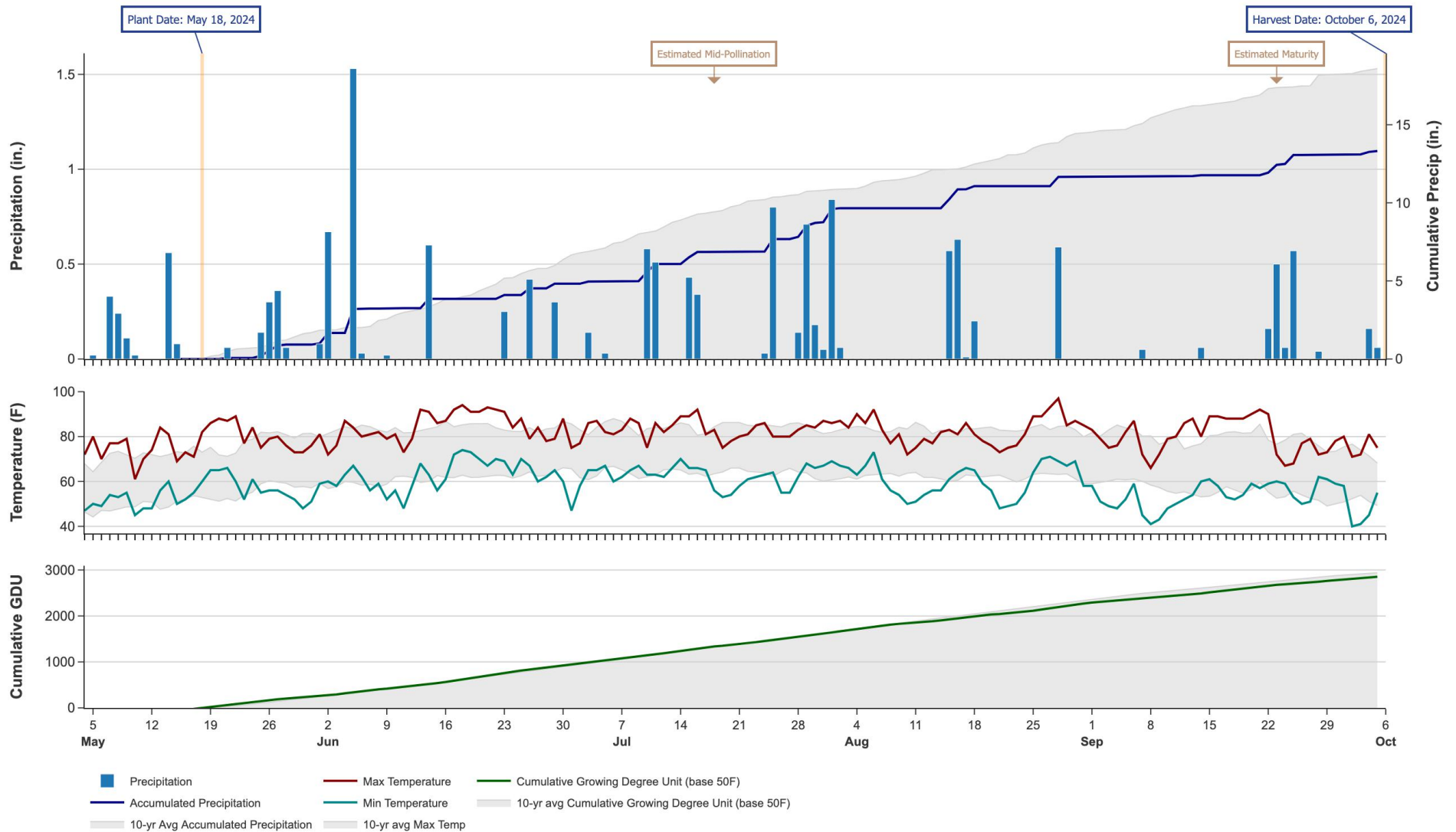
† See last page for abbreviation descriptions. Dark colored row identifies the check product found in early- and full-season tests. **Bold** yields are significantly above test average by LSD(0.10). **Italicized** brands exceed the grain moisture limit for this test. **ns** = column values not significantly different. ↗ Links to full product yield results at [www.firstseedtests.com](http://www.firstseedtests.com)

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# 2024 Corn - Illinois East Central [ ILEC ]

## Weather Conditions Summary at TOLUCA, IL

Monthly Total	May*	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in)   (Diff)	2.3   3.7 (-1.5)	3.9   4.7 (-0.8)	3.9   4.4 (-0.5)	2.9   3.7 (-0.8)	1.4   3.8 (-2.4)	0.2   0.3 (-0.1)	14.7   20.6 (-5.9)
GDU   Avg (Diff)	448   387 (+60)	683   672 (+10)	690   745 (-55)	658   702 (-44)	510   534 (-24)	71   61 (+9)	3060   3103 (-43)



\* First monthly total starts on the date 14 days prior to planting and final monthly total ends on the harvest date.

Note: Weather information from PRISM Climate Group. Data may be revised by the provider after retrieval. FIRST will not revise or update reports to reflect any weather data changes. For information purposes only.

## 2024 Corn - Illinois East Central [ ILEC ]

### Early-Season Test Products (45 Total)

Company/Brand	Product/Brand	Technology	RIB	RM	Seed Treat.
Augusta	A2260	AA	Y*	110	CM,C2
Burrus	4W42 PCE	PCE	Y	108	Lum, L1
Burrus	POWER PLUS 4P27 VE	VE	Y	108	Lum, L1
Burrus	POWER PLUS 4V73AM	AM	Y	109	Lum, L1
DeKalb	DKC110-10RIB GC	STX	Y	110	AC,P5V
FS InVision	FS 5845P RIB	STXP	Y	108	AC,P5V,EDC-EL
FS InVision	FS 5935X RIB	STX	Y	109	AC,P5V
FS InVision	FS 5949PC RA	PCE	Y	109	AC,P5V
FS InVision	FS 6025X RIB	STX	Y	110	AC,P5V
FS InVision	FS 6042F RIB	VT4P	Y	110	AC,P5V,EDC-EL
Golden Harvest	G08U00-V	V	Y	108	CM,C1,Vi,Va
Golden Harvest	G10B61-AA	AA	Y	110	CM,C5,Vi,Va
Golden Harvest	G11V76-AA	AA	Y	111	AVC,C1,Vi,Va
Great Heart	HT-6950PCE	PCE	N	109	F,I
Great Heart	HT-7195TRE	TRE	N	111	F,I
Integra	5775 VT2PRIB	VT2P	Y	107	AC,P5V,St,SU
Integra	5802 VT2PRIB	VT2P	Y	108	AC,P5V,St,SU
Integra	6061 SSRIB	STX	Y	110	AC,P5V,St,SU
Kitchen	KSC 6111 VT2PRIB GC	VT2P	Y	111	Treated
LG Seeds	LG62C73VT2PRO	VT2P	N	111	AC,P5V
Martin	SS-396-4 VT2RIB GC	VT2P	U	109	AC,P2
Martin	SS-834-5 TRE GC	TRE	N*	108	AC,P5V
NuTech	68C1V	VE	Y	108	LumPro P2
NuTech	69B5V	VE	Y	109	LumPro P2
NuTech	69C7PCE	PCE	Y	109	LumPro P2
NuTech	70B4AM	AM	Y	110	LumPro P2
NuTech	70F6V	VE	Y	110	LumPro P2
Pioneer	P0529Q GC	QR	Y	105	Lum, L1
Pioneer	P1185Q CK	QR	Y	111	Lum, L1
ProHarvest	79P54 STAXPRO	STXP	Y	109	AC,P5V,EDC-EL
ProHarvest	79P87 SSRIB	STX	Y	109	AC,P5V,Va
ProHarvest	81P20 PCE	PCE	Y	111	AC,P5V,Va
Purple Ribbon	23A10VT2PRIB	VT2P	Y	110	AC,P2
Purple Ribbon	24P07PCE	PCE	Y	107	CM,C2
Purple Ribbon	24P11PCE	PCE	Y	111	CM,C2
Renk	RK766SSPRO	STXP	Y*	109	AC,P5V,EDC-EL
Renk	RK773TRE	TRE	Y*	109	AC,P2
Renk	RK800VT4PRO	VT4P	N	110	AC,P5V,EDC-EL
Sun Prairie	SP2556	PCE	N	110	F,I,B,NE
Sun Prairie	SPX2409	VT4P	N	107	F,I,B,NE
Wyffels	W6215RIB	TRE	Y*	109	CM,C2,Vi,Va
Wyffels	W6479	STXP	N	110	AC,P5V

Company/Brand	Brand/Product	Technology	RIB	RM	Seed Treat.
Wyffels	W6505	TRE	N	110	AC,P5V
Wyffels	W6886RIB	VT2P	Y*	111	CM,C2,Vi,Va
Wyffels	W7048RIB	STX	Y*	111	CM,C2,Vi,Va

\* FIRST does not inspect products for refuge blend. N\* indicates the product was entered without a refuge component by the sponsoring seed company. Prior year entries may contain refuge blend.

## 2024 Corn - Illinois East Central [ ILEC ]

### Full-Season Test Products (45 Total)

Company/Brand	Product/Brand	Technology	RIB	RM	Seed Treat.
Burrus	6N54 VT2P	VT2P	Y	113	AC,P5V,EDC-EL
Burrus	6U77 SSP	STXP	Y	113	AC,P5V,EDC-EL
DeKalb	DKC114-99RIB GC	VT4P	Y	114	AC,P1V
DeKalb	DKC64-22RIB GC	VT2P	Y	114	AC,P5V
FS InVision	FS 6349PC RA	PCE	Y	113	CM,C2,Vi,Va
FS InVision	FS 6432P RIB	STXP	Y	114	AC,P5V
FS InVision	FS 6447T RIB	TRE	Y	114	AC,P5V,EDC-EL
FS InVision	FS 6545V RIB	VT2P	Y	115	AC,P5V
FS InVision	FS 6625V RIB	VT2P	Y	116	AC,P5V
Golden Harvest	G12S75-D	D	Y	112	AVC,C1,Vi,Va
Golden Harvest	G12U11-AA	AA	Y	112	CM,C1,Vi,Va
Golden Harvest	G14B32-DV	DV	Y	114	CM,C5,Vi,Va
Golden Harvest	G15J91-V	V	Y	115	CM,C5,Vi,Va
Great Heart	HT-7341VT2P	VT2P	N	113	F,I
Great Heart	HT-7360VT2P	VT2P	N	113	F,I
Great Heart	HT-7499TRE	TRE	Y	114	F,I
Great Heart	HT-7500TRE	TRE	N	115	F,I
Integra	6274 VT2PRIB	VT2P	Y	112	Treated
Integra	6365SSPRO	STXP	Y	113	Treated
Integra	6493 VT2PRIB	VT2P	Y*	114	Treated
Kitchen	KSC 6114SSRIB GC	STX	Y	114	Treated
LG Seeds	LG63C32SSP	STXP	N	113	AC,P5V
LG Seeds	LG64C43VT2RIB	VT2P	Y*	114	AC,P5V
Martin	SS-427-4 TRE GC	TRE	U	112	AC,P2
NuTech	71A7V	VE	Y	111	LumPro P2
NuTech	72C1PCE	PCE	Y	112	LumPro P2
NuTech	72D4Q	QR	Y	112	LumPro P2
NuTech	73A4AM	AM	Y	113	LumPro P2
NuTech	74A5PCE	PCE	Y	114	LumPro P2
Pioneer	P1185Q CK	QR	Y	111	Lum, L1
Pioneer	P1366Q GC	QR	Y	113	Lum, L1
Pioneer	P1383AM GC	AM	Y	113	Lum, L1
Pioneer	P14830AML GC	AML	Y	114	Lum, L1
ProHarvest	83P48 STAXPRO	STXP	Y	113	AC,P5V,EDC-EL
ProHarvest	83P66 VT2PRIB	VT2P	Y*	113	AC,P5V,Va
ProHarvest	84P78 TRERIB	TRE	Y	114	AC,P5V,Va
ProHarvest	85P58 VT2PRIB	VT2P	Y	115	AC,P5V,Va
Renk	RK825VT4P	VT4P	N	112	AC,P5V,EDC-EL
Renk	RK876VT2P	VT2P	Y*	113	AC,P2
Sun Prairie	SP2887	VT2P	N	115	F,I,B,NE
Wyffels	W7485	TRE	N	112	AC,P5V
Wyffels	W7499	STXP	N	112	AC,P5V

Company/Brand	Brand/Product	Technology	RIB	RM	Seed Treat.
Wyffels	W7759RIB	STXP	Y*	113	CM,C2,Vi,Va
Wyffels	W7945RIB	TRE	Y*	114	CM,C2,Vi,Va
Wyffels	W8086RIB	VT2P	Y*	114	CM,C2,Vi,Va

\* FIRST does not inspect products for refuge blend. N\* indicates the product was entered without a refuge component by the sponsoring seed company. Prior year entries may contain refuge blend.

## Footnotes and Abbreviations Descriptions

### Brand Footnotes

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CK	Identifies a check product included in early- and full-season tests.
GC	Grower Comparison product included by FIRST when space permits.
^	Innotech™ brand seed is distributed by Rob-See-Co, LLC. Innotech™ is a trademark of Syngenta. Power Plus® brand seed is distributed by Burrus. Power Plus® is a registered trademark of Corteva Agriscience.

### Corn Technologies

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AA	Agrisure® Above (CB,HX,LL,GT), formerly Agrisure® 3120
AM	Optimum® AcreMax®
AML	Optimum® AcreMax® Leptra® (Vip,YGCB,HX,LL,RR2)
D	Duracade™ (CB,HX,RW,RW2,LL,GT), formerly Agrisure Duracade® 5122
DV	DuracadeViptera™ (Vip,CB,HX,RW,RW2,LL,GT), formerly Agrisure Duracade® 5222
PCE	PowerCore® Enlist®
QR	Qrome®
STX	SmartStax®
STXP	SmartStax® Pro with RNAi Technology
TRE	Trecepta®
V	Viptera™ (Vip,CB,HX,LL,GT), formerly Agrisure Viptera® 3220
VE	Vorceed™ Enlist®
VT2P	VT Double PRO®
VT4P	VT4Pro™ with RNAi Technology

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NOTE: The refuge component genetics may vary in a refuge blend seed product.

## Corn Seed Treatments\*

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NA	Not Available
AC,P1V	Acceleron® Poncho 1250/Votivo
AC,P2	Acceleron® 250
AC,P5V	Acceleron® Poncho 500/Votivo
AC,P5V,EDC-EL	Acceleron® ELITE Poncho 500/Votivo with Enhanced Disease Control
AC,P5V,St,SU	Acceleron® Poncho 500/Votivo, Stamina, StepUp
AC,P5V,Va	Acceleron® Poncho 500/Votivo, Vayantis®
AVC,C1,Vi,Va	Avicta® Complete 1250, Vibrance®, Vayantis®
CM,C1,Vi,Va	CruiserMaxx® 1250 with Vibrance, Vayantis®
CM,C2	CruiserMaxx® 250
CM,C2,Vi,Va	CruiserMaxx® 250 with Vibrance, Vayantis®
CM,C5,Vi,Va	CruiserMaxx® 500 with Vibrance, Vayantis®
F,I	Fungicide, Insecticide
F,I,B,NE	Fungicide, Insecticide, Biological, Nematicide
Lum, L1	LumiGEN, Lumisure 1250
LumPro P2	Lumiscend Pro /Lumiflex fungicide, L-2012R bio-fungicide, Lumisure 250/ Lumivia250 insecticide, Lumialza nematicide
Treated	Treated seed, unspecified

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\* Seed treatments may include unspecified plant health promoting components.